

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (canceled)

2. (currently amended) A board mounted electronic device, comprising:
a board (2) supporting electronic components and at least one conductive track (7a, 7b)
connected to said electronic components to form an electric circuit (3); and
at least one terminal (4a, 4b) for electrically connecting said circuit (3) and a respective
insulated electric wire (5a, 5b) comprising an inner conductor (8a, 8b) and an insulating
sheath (9a, 9b) coated and/or applied to the inner conductor (8a, 8b);
wherein
said terminal (4a, 4b) comprises a metal blade (10a, 10b) formed in one piece with said track
(7a, 7b) of said circuit (3), bent into an L shape outwards of the plane of the board (2) and
carried integrally by the board (2);
said blade (10a, 10b) defines means (11a, 11b) for mechanically retaining and electrically
connecting said electric wire (5a, 5b) which act on an end portion of said inner conductor (8a,
8b);
~~A device as claimed in Claim 1, characterized in that~~ said blade (10a, 10b) comprises a
respective slot (11a, 11b) having cutting edges (13', 13'', 13', 14'') for cutting said insulating
sheath (9a, 9b);
the slot (11a, 11b) ~~comprising~~ comprises a respective semicircular seat (12a, 12b) of a
diameter substantially equal to that of said inner conductor (8a, 8b) of the electric wire (5a,
5b) and ~~in any case~~ smaller than the diameter of the insulating sheath (9a, 9b); and

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said slot (11a, 11b) ~~receiving~~ receives one end of said electric wire (5a, 5b) to cut said insulating sheath (9a, 9b) to such a depth as to establish contact between said blade (10a, 10b) and said inner conductor (8a, 8b) of the electric wire (5a, 5b), while at the same time forming a joint to mechanically retain the electric wire (5a, 5b) inside said seat (12a, 12b).

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3. (currently amended) A device as claimed in Claim 2, ~~characterized in that~~ wherein said slot (11a, 11b) is substantially in the form of a V shaped groove for assisting insertion of said end of said electric wire (5a, 5b) inside said seat (12a, 12b), which is formed at the vertex of the V defining said groove.

4. (currently amended) A device as claimed in Claim 3, ~~characterized in that~~ wherein said circuit (3) comprises a number of said tracks (7a, 7b), each defined by a semicut metal strip applied to said board (2).

5. (currently amended) A device as claimed in Claim 4, ~~characterized in that~~ wherein said board (2) is molded from synthetic plastic resin [[:]] and said strips ~~being~~ is co-molded with the board (2).